

19991228.qrp v01\_n683.qrl.991228

Date: Tue, 28 Dec 1999 19:03:13 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1683

QRP-L Digest 1683

Topics covered in this issue include:

- 1) [58894] Reposting letter from another list? OK??  
by RangerSF5@aol.com
- 2) [58895] MW Contest (Monday) - de NF0R  
by dave gauding <david.gauding@bbs.galilei.com>
- 3) [58896] Re QRP and Verticals  
by Joe Mikuckis <k3chp@erols.com>
- 4) [58897] schematic help needed  
by wj5o@juno.com
- 5) [58898] NORCAL Paddle Silver Contacts  
by "Ward Hill, N1IE" <w\_hill@ns.net>
- 6) [58899] Converting BC receiver  
by Thomas Griffith <tgriff90@colla.com>
- 7) [58900] Bobcat  
by Dwayne <emergmed@nc.freei.net>
- 8) [58901] Re: Receivers  
by "William R. Colbert" <af852@rgfn.epcc.edu>
- 9) [58902] Re: Cleaning Shack, some items sold  
by "Howard" <howardw7ilw@earthlink.net>
- 10) [58903] Re: NORCAL Paddle Silver Contacts  
by "J. W. (Dub) Thornton" <dub@oklahoma.net>
- 11) [58904] "Best paddles"  
by "Gail Perkins" <maggie98@email.msn.com>
- 12) [58905] OPERATING: cw mode with HTX-100  
by n5ib@juno.com
- 13) [58906] Re: NORCAL Paddle Silver Contacts  
by Roy <marion@montana.com>
- 14) [58907] Need someone to build your K2?  
by Eric Swartz WA6HHQ - Elecraft <eric@elecraft.com>
- 15) [58908] Reminder, QRP Y2K contest  
by jaywa5whn@juno.com
- 16) [58909] RE: Hamstick Antennas - results  
by "Tim Ahrens" <tahrens@hilconet.com>
- 17) [58910] parallel port pin question?  
by Paul Erickson <paule@sfu.ca>
- 18) [58911] Re: Hamstick Antennas - results  
by "Mike" <ISO-8859-1?Q?N=D8WDM"?= <michaelbstjames@email.msn.com>
- 19) [58912] Re: parallel port pin question?

- by Dave Fifield <fifield@pacbell.net>
- 20) [58913] Re: parallel port pin question?  
by Goran Hosinsky <hosinsky@jet.es>
- 21) [58914] Pushin' the bug, Y-to-K & the Covenants of Dublin  
by Nils R Young <nilsbull@juno.com>
- 22) [58915] Re: Converting BC receiver  
by "William R. Colbert" <af852@rgfn.epcc.edu>
- 23) [58916] Re: Reposting letter from another list? OK??  
by "William R. Colbert" <af852@rgfn.epcc.edu>
- 24) [58917] Re: Pushing the bug  
by Darin Dykes <kk5wa@netscape.net>
- 25) [58918] QSL address question : HS0C/4  
by Alen Mitrovic <alen.mitrovic@hermes.si>
- 26) [58919] Re: EDZ--Success..Finally  
by "Carter Craigie" <ccraigie@email.msn.com>
- 27) [58920] 75HC132 Source or Info please.  
by "Robert W. Shaw" <lycott@fox.nstn.ca>
- 28) [58921] NET Reports  
by Ed Loranger <we6w@netzero.net>
- 29) [58922] Re: Pushin' the bug, Y-to-K & the Covenants of Dublin  
by Bob Kellogg <ae4ic@nr.infi.net>
- 30) [58923] Log / QSL programs...  
by "Bradfield, Brad V." <BBradfield@spectrapoint.com>
- 31) [58924] FS: Brass Racer Paddles (EK1)  
by "J. Ervin Bates" <w8erv@email.msn.com>
- 32) [58925] ANT: Masts  
by Ronald\_A\_Pfeiffer@res.raytheon.com
- 33) [58926] email address for N2G0  
by Jerry Haigwood <w5jh@swlink.net>
- 34) [58927] Re: parallel port pin question?  
by "Mike Yetsko" <myetsko@insydesw.com>
- 35) [58928] Question on AADE L/C meter  
by George Huston <hudog@sparc.isl.net>
- 36) [58929] Restricted space for wire  
by Kyle Lusk <klusk@bhm vending.com>
- 37) [58930] Wire  
by "Dan Wolfe" <n4roa@mounet.com>
- 38) [58931] Re: ANT: Masts  
by Ray Colbert <af852@rgfn.epcc.edu>
- 39) [58932] [Fwd: Beacon: Alaska 6 meter [Fwd: qrp xmtr]]  
by Jim Larsen AL7FS <al7fs@pobox.alaska.net>
- 40) [58933] Trade for QRP Gear  
by Ed Kessler <edkess@epix.net>
- 41) [58934] Re posting personal lettter .....  
by "Walt Amos" <waltamos@surfree.com>
- 42) [58935] Re: Yule present from the Organs of Communication  
by "Bob Tellefsen" <n6wg@earthlink.net>
- 43) [58936] Re: Question on AADE L/C meter

- by "Bob Tellefsen" <n6wg@earthlink.net>
- 44) [58937] Hamfests---Miami vs Orlando  
by Henry Freedenberg <henryf@quartz.gly.fsu.edu>
- 45) [58938] Re: Pushin' the bug, Y-to-K & the Covenants of Dublin  
by "Roger K Bassett Jr" <rbassett@pacaccess.com>
- 46) [58939] QRPp Suggestion  
by Henry Freedenberg <henryf@quartz.gly.fsu.edu>
- 47) [58940] WHAT QRP RIG?  
by "Richard Williams" <richard.a.williams@attcanada.net>
- 48) [58941] Re: WHAT QRP RIG?  
by "John J. McDonough" <wb8rcr@arrl.net>
- 49) [58942] Re: WHAT QRP RIG?  
by Bob Patten <n4bp@bc.seflin.org>
- 50) [58943] Question about Original Norcal Sierra PC board format  
by Sam Billingsley <SBillingsley@usaninc.com>
- 51) [58944] New Stuff at the website-incl. 50+ yr old QRP tx  
by "Ed Tanton" <n4xy@att.net>
- 52) [58945] New Page  
by "Junius Fox" <w5hir@ghg.net>
- 53) [58946] RE: QRP and Vertical Antennas  
by Sam Billingsley <SBillingsley@usaninc.com>
- 54) [58947] Re: Question on AADE L/C meter  
by "Nick Kennedy" <nkennedy@tcainternet.com>
- 55) [58948] vertical ant, permanent  
by TheoWAn9sel@aol.com

-----

Date: Mon, 27 Dec 1999 19:27:18 EST  
From: RangerSF5@aol.com  
To: qrp-l@lehigh.edu  
Subject: [58894] Reposting letter from another list? OK??  
Message-ID: <0.5ac93679.25995de6@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Hi Gang,  
I have the whole letter from Ramsey about the raid on his Company.  
Do I need permission to repost it here?  
Bob  
WA2HOQrp <tm>

-----

Date: Mon, 27 Dec 1999 19:17:10 -0600  
From: dave gauding <david.gauding@bbs.galilei.com>  
To: qrp-l@lehigh.edu

Subject: [58895] MW Contest (Monday) - de NF0R  
Message-ID: <3.0.6.32.19991227191710.00a423f0@bbs.galilei.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

10 contacts tonight, all on 40CW including one club station at 500 milliwatts. 8 bonus name multipliers.

Lowest power worked from MO was WJ4P in PA with 30 milliwatts. Followed by N4ROA in VA with 50 milliwatts.

Ran Corsair I again, one watt to a St. Louis Doublet at 50' on a St. Louis Shaft.

Hoping to get on Tuesday night too barring those annoying little necessities like work and dinner! <g>

de Dave, NF0R      nf0r@slacc.com

-----  
Date: Sun, 26 Dec 1999 13:50:22 -0500  
From: Joe Mikuckis <k3chp@erols.com>  
To: qrp-1@lehigh.edu  
Subject: [58896] Re QRP and Verticals  
Message-ID: <3866636E.1C34@erols.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I always had good luck with verticals, even though the installations were very far from ideal due to the usual physical restrictions. I have used 14AVQ on the roof with proper radials, the same antenna on top of a tower without any radials, and was able to work almost anything I heard.

At the present time I have Butternut HF2V for 40 and 80 meters. The installation is dismal: it is about one foot above ground and runs most of its length about two feet from a brick wall. On top of that - no radials! How does it work? Well, again, with QRP, I can work almost everything I can hear.

But speaking about radials, I was wandering what would happen if the classical radials were replaced with a spiral which would start at the base and then progressively increase in radius until the optimum radial distance for the lowest band was reached. Any ideas?

73 de Joe, K3CHP  
Riverdale, MD  
USA

-----  
Date: Mon, 27 Dec 1999 19:51:15 cst  
From: wj5o@juno.com  
To: 10m@qth.net, TENTEN-L@LEHIGH.EDU, QRP-L@LEHIGH.EDU  
Subject: [58897] schematic help needed  
Message-ID: <19991227.195116.-811919.0.WJ50@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

Hi All,  
A local young Ham has all the "makings" for getting on the air but needs to adapt the high votage plug from His power supply to the input of an old Galaxy V MK11.  
Does anyone have the pinout for the input plug?      Know where I can run one down?  
73 Bill WJ50

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<http://dl.www.juno.com/get/tagj>.

-----  
Date: Mon, 27 Dec 1999 18:12:54 -0800  
From: "Ward Hill, N1IE" <w\_hill@ns.net>  
To: "QRP-L" <qrp-l@lehigh.edu>  
Subject: [58898] NORCAL Paddle Silver Contacts  
Message-ID: <000701bf50d9\$0e621ee0\$340f9fcf@0zpu5>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi All,

I have in hand the the silver contacts provided by W7LS for the NORCAL Paddle kit. How do I use them? What I mean is, the shaft on the contacts is smaller than the tapped hole where they go. How do I keep them put??

Thanks in advance,

72,

Ward Hill, N1IE  
EX China Laker  
EX Vandenberg AFB Space Shuttle  
K2 S/N 614, Original Knob  
Engineer KOVR-TV  
www.kovr13.com

-----  
Date: Mon, 27 Dec 1999 20:21:00 -0800  
From: Thomas Griffith <tgriff90@colla.com>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [58899] Converting BC receiver  
Message-ID: <38683AAC.D3BC2B1D@colla.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

He Gang:

Thanks to everyone for all the input and references to various articles and books on the subject of converting small transistor radios to Ham Band receivers.

After investigating this subject, with all the help offered in this forum, I have decided it would be too much trouble and not yield a good receiver in the end. Because of that, I have ordered a new Sierra kit and, hopefully, it will be in in a couple of weeks.

If I can get it built in a couple of more weeks, I'll be on the air QRP.

Officially QRP, that is. I worked a couple of stations during the contest on Sunday afternoon by turning back the power on my TS-440SAT to just below 1 watt as measured on the 30 watt scale of a MFJ mobile antenna tuner, model 945E. Not very accurate but I know I was much below 5 watts and from the difficulty I had in getting answers, I must

have been pretty low QRP. Hi.

73 to all. de N5GF Tom

-----  
Date: Mon, 27 Dec 1999 20:02:00 -0500  
From: Dwayne <emergmed@nc.freei.net>  
To: qrp-1@lehigh.edu  
Subject: [58900] Bobcat  
Message-ID: <38680C08.9BCB9AD8@nc.freei.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Has anyone ever heard of the radio called the bobcat? It's a single band radio that is advertised as being very rugged and waterproof. Anyone used this radio or seen it in action? Does it have a good receiver? Is the company a good one to deal with?

Dwayne

-----  
Date: Mon, 27 Dec 1999 18:58:18 -0600  
From: "William R. Colbert" <af852@rgfn.epcc.edu>  
To: tgriff90@colla.com, w5xe@juno.com, qrp-1@lehigh.edu  
Subject: [58901] Re: Receivers  
Message-ID: <38680B2A.8D5F8BCE@rgfn.epcc.edu>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Tom, here is some info that Bob, K5HXS sent along, thru me as he is not on the list, and thought you might find informative. He is also looking for additional references. Just for your info, in the late 50's Regency had a neat little combo with their ATR transistor broadcast radio and they came out with the ATC1 transistor convertor, both running on 4 AA batteries. The ATC1 was used by many in their vehicles as the main receiver for mobile installations, and were quite good. Covered 80-10, slide rule dial. Some still show up at hamfests.

"Ray - I just recently built a bfo for 455 kc if from the following reference.

QST, Jul 62, pg52. It called for a 2n1525, but I substituted a

2n3906 which I had plenty of. The only problem which I had and remains to be corrected was using a miniature osc coil from a small transistor radio. It was not easy to zero beat using only the ferrite core. It needs either a different coil or capacitor to vary the frequency. Two other references which use pnp xistors can be found in Popular Electronics, Jun 67, pg69. It calls for a 2n425, but I am sure any old pnp will oscillate at 455. The last reference is QST, Jun59, pg60. This ckt uses an osc coil from a 1.5-3.0 Mhz ARC5 receiver and calls for a 2n190, ck768, or 2n107. All are oldies and could be replaced with and good pnp.I did not find my references on converters, but will keep searching. Hope this info will be of some help to you. 73 Bob K5HXS"

Other references I was able to find (there are more but not able to locate them) are:

SSS80-40 - Simple Solidstate Receiver) using broadcast rx w/  
converter - by Doug DeMaw W1CER - QST Feb 1968

5 band transistor converter No bandswitches - 80-40-20 plus 3 swl bands  
William North, W4GEB QST Sept. 1964

Pocket Portable superhet for 80 or 40 by F.L. Dwight K6JBV  
October 1967 QST

W3KCR 10 meter converter by Joseph Graber, W3KCR Nov 1967 QST

Transistor Mobile Converter M.F. DeMaw W8HHS October 1958 QST

How to Build a Frequency Converter Doug DeMaw W1FB  
Feb. 1989 Monitoring Times

2 Band Superhet Darrell Thorpe Ham Radio August 1968

SemiKit Receiver for 75/80 Doug DeMaw W1FB QST August 1985

Transistor AM Radios as Ham Receivers Doug DeMaw W1FB QST Feb 1989

LunchBox Ham Station, Electronics Illustrated Jan 1968  
by Len Buckwalter K10DH portable receiver with am and 1 sw band,  
added BFO (1 transistor) and combined with a 3 transistor transmitter.

Hope the references help you with your quest.

73  
Ray

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Date: Mon, 27 Dec 1999 19:29:20 -0700  
From: "Howard" <howardw7ilw@earthlink.net>  
To: qrp-l@lehigh.edu  
Subject: [58902] Re: Cleaning Shack, some items sold  
Message-ID: <199912280229.SAA06596@hawk.prod.itd.earthlink.net>  
Mime-version: 1.0  
Content-type: text/plain; charset="US-ASCII"  
Content-transfer-encoding: 7bit

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Date: Mon, 27 Dec 1999 20:26:35 -0600  
From: "J. W. (Dub) Thornton" <dub@oklahoma.net>  
To: qrp-l@lehigh.edu  
Subject: [58903] Re: NORCAL Paddle Silver Contacts  
Message-ID: <4.2.0.58.19991227202209.00950220@mail.oklahoma.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

>Ward Hill wrote:

>I have in hand the the silver contacts provided by W7LS for the NORCAL  
>Paddle kit. How do I use them? What I mean is, the shaft on the contacts  
>is smaller than the tapped hole where they go. How do I keep them put??  
Hey Gang: I have not yet received mine, but would also be interested in  
how you have attached these contacts. Please post answers to the list.

"72"

-

J. W. (Dub) Thornton WA5YFY  
Minco, OK.

-----  
Date: Mon, 27 Dec 1999 19:26:35 -0700  
From: "Gail Perkins" <maggie98@email.msn.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [58904] "Best paddles"  
Message-ID: <001501bf50da\$f7738960\$62c40e3f@maggie>

Thanks gang for all the fb feedback on paddles. Wud luv a Profi or Wabblers  
but not a millionaire (hi hi). The Whiterook selection appears ideal! Price  
is right too!

Agn Tnx,

Kevin, KA7GQX

-----  
Date: Mon, 27 Dec 1999 21:40:29 EST  
From: n5ib@juno.com  
To: qrp-1@Lehigh.edu  
Subject: [58905] OPERATNG: cw mode with HTX-100  
Message-ID: <19991227.203803.7575.4.N5IB@juno.com>

A list member who saw my note on the HTX-10 cw adapter directed a question to me about how to properly zero beat a cw signal when using the original Radio Shack 10 m xcvr, the HTX-100.

Since I've never even seen one much less operated one I had to plead gross ignorance. I don't even know if it's single-signal in cw mode. So, if someone who routinely uses the HTX-100 for cw will let me know if there are any special considerations, (like- which side of zero beat to tune to, or some such) I'll forward your response to the inquiring party.

Thanks gang...  
Jim N5IB

-----  
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<http://dl.www.juno.com/get/tagj>.

-----  
Date: Mon, 27 Dec 1999 08:18:01 -0700  
From: Roy <marion@montana.com>  
To: dub@oklahoma.net, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [58906] Re: NORCAL Paddle Silver Contacts  
Message-ID: <199912280314.UAA02053@mail.montana.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

At 08:26 PM 12/27/99 -0600, J. W. (Dub) Thornton wrote:

>

>>Ward Hill wrote:

>

>>I have in hand the the silver contacts provided by W7LS for the NORCAL

>>Paddle kit. How do I use them? What I mean is, the shaft on the contacts  
>>is smaller than the tapped hole where they go. How do I keep them put??  
>Hey Gang: I have not yet received mine, but would also be interested in  
>how you have attached these contacts. Please post answers to the list.

>

>"72"

Its all soldered together with a low watt pencil tip soldering iron. Brass is a copper/tin alloy that is easy to solder. Put the point of the iron in the opposite side hole and heat until solder flows in the mounting side hole, insert the contact and its mounted. Let cool. Same for the arm and nut, put in vise so the mounting hole is up, heat from opposite side until solder flows on arm and nut, insert contact. Be careful to not get solder on silver contact area, will cause a "permanent intermittent". Take you time, You will be pleased with the solid "feel" and no more intermittent operation. The only adjustment is on the center block. I used a little of that red Locktite and have never adjusted since. 73 Roy AB7CE

-----  
Date: Mon, 27 Dec 1999 19:24:50 -0800  
From: Eric Swartz WA6HHQ - Elecraft <eric@elecraft.com>  
To: EleCraft mail list <elecraft@qth.net>, QRP-L <qrp-l@lehigh.edu>  
Subject: [58907] Need someone to build your K2?  
Message-ID: <38682D82.94F9BF96@elecraft.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

For those of you who need help getting a K2 built, we have put together a list of builders who will build K2's for handicapped and older hams, or just for hire. You can view it at:  
[http://www.elecraft.com/k2\\_builders.htm](http://www.elecraft.com/k2_builders.htm)

73, Eric WA6HHQ  
<http://www.elecraft.com>

-----  
Date: Mon, 27 Dec 1999 20:18:17 -0700  
From: jaywa5whn@juno.com  
To: qrp-l@lehigh.edu  
Subject: [58908] Reminder, QRP Y2K contest  
Message-ID: <19991227.201827.-1014083.0.jaywa5whn@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

Y2K QRP Contest, 1200-2400Z Jan 1.

CW, SSB, PSK-31 and FM. All bands except for 30, 17, 12 meters.

Operate 8 hours out of the 12. You may operate all 12 hours and pick your best 8 hours.

Exchange RST, state/province/country and ac or dc (your power source). If you are running from commercial power you are ac; if you are using battery, solar or generators you are dc. Count 1 point per QSO if you are dc powered; 2 points per QSO if you are ac powered. {Yes, this is correct. Great suggestion from KI6DS during the 1999 Ft. Tutill Hamfest QRP cook & camp out.}

Final score is QSO points total states/provinces/countries power multiplier. Power multiplier is 2 for 5 W or less and 1 for more than 5 W. SPC's only count once, however the same station on different bands & modes counts as a separate contact.

Send logs by Feb 1 to Jay Miller, WA5WHN, 4613 Jupiter St NW, Albuquerque, NM 87107-3944 USA or via email; wa5whn@hotmail.com.

<http://www.arrl.org/contests/months/jan.html>

72...Jay, WA5WHN DM65qd

Albuquerque, NM USA

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<http://dl.www.juno.com/get/tagj>.

---

Date: Mon, 27 Dec 1999 21:33:14 -0800

From: "Tim Ahrens" <tahrens@hilconet.com>

To: <qrp-l@lehigh.edu>

Subject: [58909] RE: Hamstick Antennas - results

Message-ID: <002701bf50f5\$0a0d0be0\$270247cf@timahren>

MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Thanks to all who responded on my questions about the Hamsticks.

1st, I have it mounted on a 1/4" thick x 1" wide piece of steel that is bolted to the frame under the body. The actual ground location is about 8 to 10" 'away' from the actual mount. Definately not the best grounding situation. I have the tuner in line, so I'll be checking it out tomorrow morning about 5:30 am central time. Probably calling CQ around our favorite 40 meter freq!

When I said the 259B said it wasn't ok I meant that the SWR was quite high, (about 3 to 1), and couldn't really pull it down with the adjustment screw. Probably because of the crummy ground.

I might try one of those 3 magnet mounts on the trunk.

More to come later, & results from tomorrow.

Thanks again to this great group, and I hope your holidays have been great to you thus far!

Tim W5FN

-----  
Date: Mon, 27 Dec 1999 19:58:01 -0800 (PST)  
From: Paul Erickson <paule@sfu.ca>  
To: qrp-l@lehigh.edu (qrp)  
Subject: [58910] parallel port pin question?  
Message-ID: <199912280358.TAA05905@fraser.sfu.ca>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi there,

I am getting one of the Poqet palmtops, and am hoping to run TRlog on it. I need to know what pins 12 and 13 are on a parallel port to see if I can find the equivilant on the Poqet I/O bus.

Thanks in advance.

cheers, Paul VE7CQK/email: paule@sfu.ca

-----  
Date: Mon, 27 Dec 1999 22:08:40 -0600  
From: "Mike =?ISO-8859-1?Q?N=D8WDM"?= <michaelbstjames@email.msn.com>  
To: <tahrens@hilconet.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [58911] Re: Hamstick Antennas - results  
Message-ID: <005c01bf50e9\$3a43ff00\$9a3d0b3f@default>

Thanks also from Mike in Minnesota. I learned a bunch and appreciate the help. Mike

-----  
Date: Tue, 28 Dec 1999 00:35:39 -0800  
From: Dave Fifield <fifield@pacbell.net>  
To: paule@sfu.ca, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [58912] Re: parallel port pin question?  
Message-ID: <001501bf510e\$8528d160\$0100a8c0@pacbell.net>  
MIME-version: 1.0  
Content-type: text/plain; charset="iso-8859-1"  
Content-transfer-encoding: 7bit

Hi Paul,

Try this website - it's got them all on it! Very useful.

<http://www.geocities.com/TheTropics/Shores/2250/pinout.html>

Cheers,  
Dave Fifield, AD6A

----- Original Message -----  
From: "Paul Erickson" <paule@sfu.ca>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Monday, December 27, 1999 7:58 PM  
Subject: parallel port pin question?

> Hi there,  
>

> I am getting one of the Poqet palmtops, and am hoping to run TRlog  
> on it. I need to know what pins 12 and 13 are on a parallel port  
> to see if I can find the equivilant on the Poqet I/O bus.  
>  
> Thanks in advance.  
>  
> cheers, Paul VE7CQK/email: paule@sfu.ca  
>

-----  
Date: Tue, 28 Dec 1999 08:48:24 +0000  
From: Goran Hosinsky <hosinsky@jet.es>  
To: paule@sfu.ca  
Subject: [58913] Re: parallel port pin question?  
Message-ID: <38687958.B0D0EBDD@jet.es>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Try

<http://www.senet.com.au/~cpeacock/>

He has all types of information about interfacing the  
PC

73  
Goran ea8yu

Paul Erickson wrote:

> Hi there,  
>  
> I am getting one of the Poqet palmtops, and am hoping to run TRlog  
> on it. I need to know what pins 12 and 13 are on a parallel port  
> to see if I can find the equivilant on the Poqet I/O bus.  
>  
> Thanks in advance.  
>  
> cheers, Paul VE7CQK/email: paule@sfu.ca

-----  
Date: Tue, 28 Dec 1999 06:58:27 -0500  
From: Nils R Young <nilsbull@juno.com>

To: elecraft@qth.net, QRP-L@lehigh.edu  
Subject: [58914] Pushin' the bug, Y-to-K & the Covenants of Dublin  
Message-ID: <19991228.065834.-212847.0.nilsbull@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

Gang,

Ok, first off, the Y-to-K thing is a done deal for me. I changed all my Ys to Ks and am now set to redistribute about 200 lbs of type. Then there's the New Year's Eve celebration in Columbus, at Cindy's brother's digs in one of those "controlled world" communities built by Mexicans for the novaj ricxoj. It's the kind of place where you have to get permission to put a flower or herb garden on your expensive piece of territorial imperative. No antennas allowed. No personal choice of trim paint. No personal choice of whatever marklar. Covenants of Dublin it be, Sean. And a fine sack o' potatoes ye be carryin' there, Seamus.

So I've decided to go there Y2K eve. Stay overnight. Get up in the morning & bore the family. Sit in the living room & read "Apocalypse Pretty Soon" (by Alex Heard [no relation to Cindy's prepenultimate boss]). That kind of thing.

But . . . I'm thinking of taking the latest traveling radio & Y2K2 box of covenant violations with me. String a wire up the fiberglass mast & see what happens. Put the damn thing up in the dark, work a couple SKN Qs and then, once Gordon gets back from the "bunker" with the gov, maybe put it all back in the case & no one acts the wiser.

Think I should do it? Bet I'll do it? Bet I won't?

After all, the Unarians, Earth Changes, UFO-expecting submutants, SubGenii, ProtoDianologists & other general overarching aliens are gonna save us 'cause we can't do it ourselves types are gonna be hunkered down in Utah expecting the worst. Why shouldn't I help 'em out?

A civic duty kind of thing.

73

Nils

-----

Nils R. Bull Young -- El Gringo Errante -- La Estancia de los Guajolotes  
Sonrientes

<http://home.fiberia.com/wb8ijn> -- W8IJN --

<http://members.xoom.com/nilsbull>

"In my day you had to FIGHT to have oligarchs! Every day was a STRUGGLE!



-- Comrade Sergei Nikolaevich McTovarishov --

-----  
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-----  
Date: Tue, 28 Dec 1999 06:22:38 -0600

From: "William R. Colbert" <af852@rgfn.epcc.edu>

To: tgriff90@colla.com, qrp-1@lehigh.edu, af852@rgfn.epcc.edu

Subject: [58915] Re: Converting BC receiver

Message-ID: <3868AB8E.A1D93774@rgfn.epcc.edu>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Glad you found all the input helpful, Tom. One other suggestion is that along with your Sierra or whichever kit you decide, I would strongly suggest you consider an additional kit - the OHR WM-2, which gives accurate readings from the low mW range to 10 watts. I have found that one item to be almost invaluable when running my qrp stuff - even have a couple of qrp rigs (up to 20 watts) that I run qrp and it makes it very easy to run well below the 5 watt level. GL with your qrp efforts.

73

Ray

-----  
Date: Tue, 28 Dec 1999 06:29:46 -0600

From: "William R. Colbert" <af852@rgfn.epcc.edu>

To: RangerSF5@aol.com, qrp-1@lehigh.edu, af852@rgfn.epcc.edu

Subject: [58916] Re: Reposting letter from another list? OK??

Message-ID: <3868AD3A.D2E6537C@rgfn.epcc.edu>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

I think it is appropriate, especially since 1. He does have qrp kits (along with other items), 2. they are often the subject of discussion here on this forum and 3. there are some of us that have used some of his more specialized items in Fed. Gov. service, which the some of Feds are apparently upset that he makes such items available. I think the letter would be interesting.

Thanks & 73  
Ray

-----  
Date: 28 Dec 99 06:03:17 PST  
From: Darin Dykes <kk5wa@netscape.net>  
To: qrp-l@lehigh.edu  
Subject: [58917] Re: Pushing the bug  
Message-ID: <19991228140317.4676.qmail@www01.netaddress.usa.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=US-ASCII  
Content-Transfer-Encoding: quoted-printable

Shoulda been "200 lbs of HYPE" :-)

73  
Darin  
KK5WA

-----  
Get your own FREE, personal Netscape WebMail account today at <http://webmail.netscape.com>.

-----  
Date: Tue, 28 Dec 1999 15:16:07 +0100  
From: Alen Mitrovic <alen.mitrovic@hermes.si>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [58918] QSL adress question : HS0C/4  
Message-ID: <F27E71EFEFE6D211917900A0C955EF6101779C4C@ha19000.hermes.si>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

Hi!

I have worked HS0C/4 on 20 meters CW few months ago with 1W and TH7DXX.  
Does anyone knows address for direct QSL-ing? Have tried several bulletins  
and callbooks, including  
[buckmaster.com](http://buckmaster.com)

Best 72/73 from Slovenia es HNY 2000 de Alen / S53MA

Personal Webpage: <http://www.qsl.net/s53ma>  
-----

-----  
Date: Tue, 28 Dec 1999 09:38:49 -0500  
From: "Carter Craigie" <ccraigie@email.msn.com>  
To: "QRP-L Members" <qrp-l@Lehigh.EDU>  
Subject: [58919] Re: EDZ--Success..Finally  
Message-ID: <010501bf5141\$4403ff60\$1a221c3f@satellite>

Hi Joe W2KJ,  
Am I correct in assuming that the ladder line you used was the 450 Ohm variety, and not the 300 Ohm (TV lead-type)??  
I am very tempted to try using ladder line but don't know where to start.  
Thanks,  
Carter, N3AO

----- Original Message -----  
From: Joseph Trombino Jr <joebarb@wilmington.net>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Sent: Monday, December 27, 1999 3:29 PM  
Subject: EDZ--Success..Finally

///snip///  
> Feeding almost all the way with the low loss ladder line and using a very  
> short run of coax into the shack has made all the difference in the world

-----  
Date: Tue, 28 Dec 1999 09:35:54 -0500  
From: "Robert W. Shaw" <lycott@fox.nstn.ca>  
To: <qrp-l@lehigh.edu>  
Subject: [58920] 75HC132 Source or Info please.  
Message-ID: <3.0.5.32.19991228093554.0088f110@fox.nstn.ca>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

I built the L and C measuring device from the 1999 Handbook, and it requires a 75HC132, which I can not find (Active/Future had no reference to it). I substituted a 4011 (changing the pinout with a 14 pin header), but it does not work (it oscillates, but stops with a device under test -- perhaps not enough power?).

Does anyone know of a substitute for the 75HC132 (quad 2-input NAND), or a source (with reasonable min order/shipping for 2 chips!)? I presumed that it was CMOS (perhaps the HC is High power CMOS?). Any other details on this chip might help in "simulating" it from chips I can obtain locally.

72 de Bob VE3SUY.

-----  
Date: Tue, 28 Dec 1999 07:43:31 -0800  
From: Ed Loranger <we6w@netzero.net>  
To: qrp-1@lehigh.edu  
Subject: [58921] NET Reports  
Message-ID: <3868DAA3.CBB8285B@netzero.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi Gang. The Norcal and QRQ practice nets on Sundays were held as usual and we had the following checkins:

Norcal, 7045 KHz 0200Z==>

WE6W/NCS, K7TQ/Randy, K7GT/Allan,. KN6YD/Jeff.

The band was a bit weak but I found Randy/K7TQ had a much better signal than before I made this 80 Meter band antenna.

QRQp, 7039 KHz, 0300Z ==>

WE6W/NCS, K7TQ,NB6M/Wayne, KN6YD.

Randy made some calls and picked up NB6M and KN6YD as he had done for the Norcal net. Thands Randy! We decided to move to 3579 KHz, immediately, and after a fun round of traffic passing/relay from NCS to K7TQ who broadcast to KN6YD and NB6M, we moved to 3579 KHz on 80 Meters. (I was ready with my new 80 meter antenna!)

NB6M/Wayne, took over net control as arranged earlier but instead of simple check-ins, we proceeded with the 3 sentences practice. Folks, this is unbelievable fun. And the practice is paying off! I even made it to 42 WPM this week. I must say, that is the character element speed, but I kept spacing minimally as I could. Hey, 3 weeks ago I could barely do 38 wpm character elements without constant flubbing so this is good. And Randy/k7tq, had definitely gone up another 2 to 4 wpm over last week. Way to go pal!

We'll keep the rig warm for you as always. Catch you on the net!

72/Ed we6w

--

72/Ed we6w; AR Millennium Q's=>2425/2000 A-1 OP

<http://www.qsl.net/we6w> Santa Rosa, CA

QRP-Z#106 AR#112 HI#64 ARCI#9397 ARS#275 L#1068 NC#2227

-----  
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-----  
Date: Tue, 28 Dec 1999 10:27:41 -0800  
From: Bob Kellogg <ae4ic@nr.infi.net>  
To: nilsbull@juno.com  
Cc: QRP-L <qrp-l@Lehigh.EDU>  
Subject: [58922] Re: Pushin' the bug, Y-to-K & the Covenants of Dublin  
Message-ID: <3869011D.1938F0A7@nr.infi.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Nils,

No question about it. It's your civic duty.

There are a lot of folks out there expecting the worst. A fiberglass fishing pole vertical in the middle of the night, radiating strange beeps --detectable only by special electronic receivers---

In that society, protected by covenant from all evil, it's your duty to provide them with a Simple Y2K test. And a Noble deed it would be indeed.

Go for it. I'll be listening for you.

CUL,  
Bob Kellogg, AE4IC Greensboro, NC  
Prolably, not nececelery. - Benny Hill

-----  
Date: Tue, 28 Dec 1999 09:56:59 -0600  
From: "Bradfield, Brad V." <BBradfield@spectrapoint.com>

To: "'Shepherd@aol.com'" <Shepherd@aol.com>, "'QRP-L'" <qrp-l@lehigh.edu>  
Subject: [58923] Log / QSL programs...  
Message-ID: <8D9A3E0C6F42D1118EDC0060081D3FFA02077B90@ucusmail.spectrapoint.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: quoted-printable

Thanks to Dan, N8IE, for making his MS Access logging database program available to the masses. Looks great! Now I've just got to start = entering 30 years worth of paper log books into it. AAaarrrrggggghhhhh!!

Oh, well.

72's es 73's,

Brad, W5CGH

[illegible]

Brad Bradfield, PE                      W5CGH                      Test Staff Engineer  
(ex WB=D8CGH)                      SpectraPoint Wireless  
LLC

Real men talk with their fingers!

QRP-L #377 SMIRK #4906 QRP-ARCI #  
ARS #72 Austin ORP Club #i

-----

Date: Tue, 28 Dec 1999 10:58:10 -0500  
From: "J. Ervin Bates" <w8erv@email.msn.com>  
To: "Low Power Amateur Radio Discussion" <grp-l@Lehigh.EDU>  
Subject: [58924] FS: Brass Racer Paddles (EK1)  
Message-ID: <00d601bf514c\$576eb260\$53451b3f@win98>

Hi gang:

It looks like the Y2K is gonna be good to me after all. I have a new rig to play with (and yes, it goes QRP) and a new set of Iambic paddles, too.

I am selling my Brass Racer EK1, which has the built-in keyer circuit. It needs cleaning up, since I hadn't gotten that far. I bought this in the

Spring of 99' and have a fresh battery in it. Price is \$75 plus \$10 for shipping. Email direct with questions and Happy Y2K to you all.

72,  
Erv W8ERV

-----  
Date: Tue, 28 Dec 1999 11:16:44 -0500  
From: Ronald\_A\_Pfeiffer@res.raytheon.com  
To: qrp-1@Lehigh.EDU  
Subject: [58925] ANT: Masts  
Message-ID: <85256855.00596B51.00@ressud-as01.res.ray.com>  
Mime-Version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-Disposition: inline

There has been a lot of discussion about portable masts but little about permanent masts. Will PVC work? What about 2/4's? How deep a hole? Do I use cement?

I'd like to get a wire up before the ground really freezes and I have no trees!

tnx b4 - ron N1ZSW

-----  
Date: Tue, 28 Dec 1999 10:31:46 -0700  
From: Jerry Haigwood <w5jh@swlink.net>  
To: qrp-1@lehigh.edu  
Subject: [58926] email address for N2GO  
Message-ID: <3868F402.7C616BED@swlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Gangue,

I need James Skalski, N2GO's email address. Anyone have it?

Jerry W5JH, Peoria, AZ

-----  
Date: Tue, 28 Dec 1999 11:36:14 -0500  
From: "Mike Yetsko" <myetsko@insydesw.com>  
To: <paule@sfu.ca>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [58927] Re: parallel port pin question?  
Message-ID: <007601bf5151\$e4452200\$4dddfea9@dads-hp>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Paul (and everyone else),

Here is a file I pass around whenever the question of the serial  
or parallel port comes up...

Just remember, there are a lot of things you CAN do with a  
parallel port. But that does NOT mean it's recommended  
to do so with ALL parallel ports!!

Mike

-----  
RS-232 compatibility pin numbers for DTE:

DB-9		DB-25
3	- TxDat (O)	- 2
2	- RxDat (I)	- 3
7	- RTS (O)	- 4
8	- CTS (I)	- 5
6	- DSR (I)	- 6
1	- CD (I)	- 8
4	- DTR (O)	- 20
9	- RI (I)	- 22
5	- Gnd	- 7

DB-25 Null Modem adapter:

2	->	3	TxDat->RxDat
3	<-	2	TxDat->RxDat
4->5		4->5	RTS->CTS on each side, isolated
6,20	->	8	DTR->same side DSR->other side CD
8	<-	6,20	DTR->same side DSR->other side CD
7	--	7	Ground - Ground



```

DB-9 Null Modem adapter:
3  -> 2      TxDat->RxDat
2  <- 3      TxDat->RxDat
7->8      7->8      RTS->CTS on each side, isolated
4,6  -> 1      DTR->same side DSR->other side CD
1  <- 4,6      DTR->same side DSR->other side CD
5  -- 5      Ground - Ground

```

Some "null modem" adapters take each 4 across to the opposing 5 for RTS->CTS. Others just tie 6-8-20 on each connector. The above has the advantage of only relying on the CD to actually go across the cable, and if the other end activates DTR (as it would for a modem) then the connection goes 'live'.

It also usually doesn't hurt to tie 15-17-24 together on each DB-25 connector, just in case that end is configured for BiSync operation. That will insure that there are Tx and Rx clocks available with most Z-80 family SIO chips or Intel 8251s.

Serial mice communicate with standard serial data, however if the mouse support PS/2 communications, the data does NOT come out on the normal serial lines. In serial mode, the mouse uses control lines for power. In PS/2 mode the only pins connected on the MicroSoft mouse are CD, Ground, CTS, and RI. In PS/2 mode these are xxx, xxx, xxx, and xxx.

Parallel Printer ports look like:

DB-25	Description	Centronics (IBM/Tandy)
1 -	Strobe* (0)	1
2/9 -	Data bits 0/7 (0)	3-17 (odd)
10 -	Ack- (I)	19
11 -	Busy (I)	21
12 -	PE (I)	23
13 -	SLCT (I)	25
14 -	AutoFeed XT (0)	/
15 -	ERROR- (I)	/
16 -	Init- (0)	/
17 -	SLCT IN (0)	/
18/25-	All Grounds	10-36 (even)

True AT type printer ports can be used as BiDirectional data ports due to the inclusion of serial 'damping' resistors. Most clones do not have these, and will barf if data input is attempted, sometimes with physical damage. To use the AT as data in, set all out bits to one, then read the data as input. Strobe is also 'damped' and can be read at the other end.

The other signals are 74LS05s (with pullups) which are OC outputs so they can be shared as well. To really make a parallel port fly, a signal could be picked to tie to ACK at the other end, as it can generate an interrupt.

LapLink Parallel interface cable:

0-0	D0	2 ->	15	ERROR	1-3
0-1	D1	3 ->	13	SLCT	1-4
0-2	D2	4 ->	12	PE	1-5
0-3	D3	5 ->	10	ACK-	1-6
0-4	D4	6 ->	11	BUSY	1-7
1-3	ERROR	15 <-	2	D0	0-0
1-4	SLCT	13 <-	3	D1	0-1
1-5	PE	12 <-	4	D2	0-2
1-6	ACK	10 <-	5	D3	0-3
1-7	BUSY	11 <-	6	D4	0-4
2-0	STB	1 --	1	STB	2-0
2-1	AFXT	14 --	14	AFXT	2-1
2-2	INIT	16 --	16	INIT	2-2
2-3	SLCT	17 --	17	SLCT	2-3
	GND	25 --	25	GND	

The code 0-1 means relative port 0 on the LPT, bit 1. The input/output status is derived from the arrows in the table. A dash means that the output is OC and the input is sensed, so the direction could be bidirectional. The center number designates the DB-25 pin number.

Essentially there is a 5-bit data bus in each direction as port 0 bits 0-4 is tied to the other end port 1 bits 3-7. Port 2 bits 0-3 are tied directly to port 2 bits 0-3 on the other end, and those lines are bidirectional.

In a generic PC LPT port, the assignments are as follows:

Port +0

Data 0-7 Output only but can be read (2-9)

Port +1 Input only

Bit 3 Error (15)

Bit 4 SLCT (13)

Bit 5 PE (12)

Bit 6 ACK(10) [The state of the interrupt line]

Bit 7 Busy (11)

Port +2 Input/Output (With OC Outputs to connector)

Bit 0 Strobe (1)

Bit 1 AFXT (14)

Bit 2 Init (16)

Bit 3 SLCT (17)  
Bit 4 IRQ Enable (not on the external port)

-----  
Date: Tue, 28 Dec 1999 10:34:43 -0600  
From: George Huston <hudog@sparc.isl.net>  
To: qrp-l@Lehigh.EDU  
Subject: [58928] Question on AADE L/C meter  
Message-ID: <3868E6A2.ECA3E658@isl.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I'm close to placing an order for the AADE L/C meter, based on the very favorable comments of those who have purchased and used one. I do have a question regarding the range of the meter.

Inductance is .001 uh to 100 mh, and Capacitance is .01 pf to 1 uf. In looking at some other L/C meter stats, they usually have ranges on the order of 1 uh to 200 h and .1 pf to 200 uf.

My question then- what are the more useful ranges, and for what sort of applications? I assume the AADE meter range covers more of the commonly used component values for homebuilding on the low end of the range, but is the high end sufficient for most cases? I'm assuming for large values of inductance or capacitance, a GDO would be sufficient to check the value of components of large values?

Thanks for any help and opinions you can provide. I'm learning quite a bit from reading the various posts to QRP-L.

George NOGH

-----  
Date: Tue, 28 Dec 1999 11:06:08 -0600  
From: Kyle Lusk <klusk@bhm vending.com>  
To: "'qrp-l'" <qrp-l@Lehigh.Edu>  
Subject: [58929] Restricted space for wire  
Message-ID: <01BF5123.8DBDE1C0.klusk@bhm vending.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Is it better to wind wire on a pvc pipe at the feed point of a dipole or at the end of wire . I am doing this because it is the only way I can get enough wire in the air for 80 meters. I have already bent the ends as much as I can.

Thank You qrp-l list  
With no one to ask this question I would be lost.  
Kyle

-----  
Date: Tue, 28 Dec 1999 12:23:45 -0500  
From: "Dan Wolfe" <n4roa@mounet.com>  
To: "Low Power Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [58930] Wire  
Message-ID: <199912281723.MAA41796@nss4.cc.lehigh.edu>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

Howdy ye QRP,ers

I am about to run out of hookup wire. I think someone on the list had some and would like to know if it is still availabel. Thanks....

72 & best wishes for the new year.  
Dan, N4ROA, in Gate City, Va.

-----  
Date: Tue, 28 Dec 1999 10:31:31 -0600  
From: Ray Colbert <af852@rgfn.epcc.edu>  
To: Ronald\_A\_Pfeiffer@res.raytheon.com  
Subject: [58931] Re: ANT: Masts  
Message-ID: <3868E5E3.361C3B35@rgfn.epcc.edu>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Several people including myself have tried pvc as a mast and it is mostly unsuitable - even schedule 80, as it just does not have the rigidity to keep from bending. You did not specify to what height you were planning your mast. There used to be in the older editions of the ARRL handbook, in the antenna construction section, plans for making masts

such as an A-frame support mast, made from 2x4 or 2x2 treated wooden pieces. I think these were up to about 40 feet. Not sure if they still include that or not as I do not have the newer handbooks. In the past there have been articles using various materials, including fibreglass, and for those near a boatyard, old sailing masts. I favor the tilt-over type H support (usually about 3 ft in the ground) when conditions permit, so the mast can be mounted on a pin for raising and lowering. Again, depends on one's circumstances.

73 and gl.

Ray

--

"The more I see of the representatives of the people, the more I admire my dogs."

letter from Count d'Orsay to John Foster 1850

-----

Ray Colbert, W5XE, OOTC 3618, SOWP 1064M NARTE-NCT2  
(also w5xe@juno.com El Paso, (FAR WEST) TEXAS

-----

Date: Tue, 28 Dec 1999 09:02:49 -0900  
From: Jim Larsen AL7FS <al7fs@pobox.alaska.net>  
To: qrp-l@lehigh.edu  
Subject: [58932] [Fwd: Beacon: Alaska 6 meter [Fwd: qrp xmtr]]  
Message-ID: <3868FB49.5A118FE@pobox.alaska.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

This never showed up on QRP-L that I can tell. I am sending it again.

----- Original Message -----

Subject: Beacon: Alaska 6 meter [Fwd: qrp xmtr]  
Date: Mon, 27 Dec 1999 20:03:00 -0900  
From: Jim Larsen AL7FS <al7fs@pobox.alaska.net>  
Organization: Acupressure Anchorage  
To: "qrp-l@lehigh.edu" <qrp-l@lehigh.edu>  
BCC: Kevin NL7Z <nl7z@mtaonline.net>, Dan Robbins KL7Y <kl7y@alaska.net>

Greetings from Alaska.

Any suggestions for Dan and Kevin would be appreciated. They want to put a six meter beacon on from the Anchorage area. This is a technical question and needs the input of those of you who may have experience along these lines. Feel free to "think out of the box" as I am sure any useful suggestions will be considered.

I wonder if I should tell them that 8 watts is over the QRP limit. :-)

Jim

--

73, Jim Larsen, AL7FS <http://www.qsl.net/al7fs/>  
Anchorage, Alaska <mailto:al7fs@qsl.net>  
ICQ 11022915 (Info at <http://www.icq.com/> )

=====

Subject:

qrp xmtr

Date:

Mon, 27 Dec 1999 19:53:29 -0900

From:

"Kevin - NL7Z" <[nl7z@mtaonline.net](mailto:nl7z@mtaonline.net)>

To:

<[al7fs@qsl.net](mailto:al7fs@qsl.net)>

Hi Jim - Dan (KL7Y) and I are considering a 6 meter beacon project - and we are looking for some a source, and some input. The design for the beacon will use a 20m qrp xmtr - 1/2w to 2w range, xtal controlled. I don't have a huge amount of time to build one, but a simple kit that is very stable and trouble free would fit the bill - this xmtr will drive a 6m transverter - and the final output will be under 8w. Any help would be appreciated - Dan said you are the "QRP guru" Thanks much, Kevin

Kevin Forster NL7Z [nl7z@arrl.net](mailto:nl7z@arrl.net)

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Date: Tue, 28 Dec 1999 13:07:49 -0500  
From: Ed Kessler <[edkess@epix.net](mailto:edkess@epix.net)>  
To: [qrp-l@Lehigh.EDU](mailto:qrp-l@Lehigh.EDU)  
Subject: [58933] Trade for QRP Gear  
Message-ID: <3868FC75.8819EAEA@epix.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Trade for QRP Rigs:

Santa was good to me and brought me a new HT so I have the following items to trade for QRP radios or accessories:

Alinco DJ-C1, 2m transceiver, 300 mW (QRPP :-)!  
With all accessories: Battery Charger, Earphone, Instruction Manuals  
Will also include: Alinco EMS-49 speaker mic.

Radio Shack HTX-202, 2m transceiver, 5 W (Still QRP :-)!  
With all accessories: Alkaline Battery Pack, Wall Charger, and instruction manual  
Will also include: Radio Shack Speaker Mic

Both radios are like NIB and have been seldom used.

I am particularly looking for a NC40 or a 20 M SST.  
But let me know if you are interested, and have something else.  
Will also consider reasonable cash offers, but would prefer trading.

Happy Y2K,  
Ed, AA3SJ

-----  
Date: Tue, 28 Dec 1999 18:36:59 -0000  
From: "Walt Amos" <waltamos@surfree.com>  
To: "Qrp-l Posts" <qrp-l@lehigh.edu>  
Subject: [58934] Re posting personal lettter .....  
Message-ID: <007a01bf5162\$caf40da0\$9c891b26@walatk8cv>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Gang:

I don't think it is good to post personal letters without the writers permission! PERIOD.

Walt K8CV Royal Oak, Michigan K-2, original knob and I sneak out to the shack late at night and worry about the PA option!

-----

Date: Tue, 28 Dec 1999 10:42:44 -0800  
From: "Bob Tellefsen" <n6wg@earthlink.net>  
To: <qrp-1@Lehigh.EDU>  
Subject: [58935] Re: Yule present from the Organs of Communication  
Message-ID: <01bf5163\$544f7990\$10f0fc9e@ham.earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Congrats on the new call, Nils.  
Guess it's just a sign of our growing older, when we have to shorten our  
calls to lighten the load so we can keep going.  
Best wishes for a Happy New Year.  
73, Bob N6WG

-----  
Date: Tue, 28 Dec 1999 10:52:14 -0800  
From: "Bob Tellefsen" <n6wg@earthlink.net>  
To: <qrp-1@Lehigh.EDU>  
Subject: [58936] Re: Question on AADE L/C meter  
Message-ID: <01bf5164\$a7a08e80\$10f0fc9e@ham.earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

George  
I use my AADE LC II for everything from rf components (low pF and uH range)  
up into audio filter values. I have a number of junkbox inductors under  
100mH, and the LC II has measured them very well. Same for capacitors.

It is necessary to go to some other meter if you want to measure large  
values, such as large electrolytic caps or old power supply filter chokes in  
the Henries range.

I use the L and C ranges on a DMM I have for these large items.

73, Bob N6WG

-----  
Date: Tue, 28 Dec 1999 15:28:18 -0500  
From: Henry Freedenberg <henryf@quartz.gly.fsu.edu>  
To: qrp-1@lehigh.edu



Subject: [58937] Hamfests---Miami vs Orlando  
Message-ID: <38691D60.F2A6D3BD@quartz.gly.fsu.edu>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I usually make the Orlando Hamcation every year. I noticed that Ed Hare is listed as a speaker this year. The previous weekend is the Miami Hamfest. Usually this is too far for me to drive. This year, however, I need to be at a professional meeting in Melbourne the day prior to the Miami mtg. I can go to Miami or Orlando but probably not both.

How does Miami compare with Orlando in attendance, exhibitor presence, talks etc? Is Miami worth attending? Any qrp-l members planning on being in MIA?

Any insight would be appreciated.

Tnx

Henry

-----  
Date: Tue, 28 Dec 1999 11:43:17 -0800  
From: "Roger K Bassett Jr" <rbassett@pacaccess.com>  
To: <nilsbull@juno.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [58938] Re: Pushin' the bug, Y-to-K & the Covenants of Dublin  
Message-ID: <001701bf516b\$cc43a900\$5ee4edd0@MSN/Roger\_Bassett>

Nils,

This is one of your best!!! As I see it it's your duty to try and help the "reality imparied" people who can't face the real world by introducing them to new toys and fun. Just think of their poor depraved condition unable to imagine life outside the compound.

73, Aloha  
Roger  
KH7MR

-----  
Date: Tue, 28 Dec 1999 15:31:36 -0500

From: Henry Freedenberg <henryf@quartz.gly.fsu.edu>  
To: qrp-1@lehigh.edu  
Subject: [58939] QRPp Suggestion  
Message-ID: <38691E27.B040054F@quartz.gly.fsu.edu>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Like most list members, I anxiously await the arrival of the Fall 99 QRPp. I find that my life would be much easier if the schematics were edge bound at the back of each issue rather than having them bound into the centerfold as it is now. If the schematics could be edge bound in the back, we would not have to physically remove them from the publication in order to see what is going on.

Just a suggestion.

Henry

-----  
Date: Tue, 28 Dec 1999 16:32:38 -0800  
From: "Richard Williams" <richard.a.williams@attcanada.net>  
To: <qrp-1@lehigh.edu>  
Subject: [58940] WHAT QRP RIG?  
Message-ID: <002001bf5194\$364d2ba0\$6dcec28e@pavilion>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

With my two HW-8's and my Kenwood 570 I now feel hobbled. In the past couple of days I've worked guys who are running 50mw on 20 meters. I'd like to give this a try. Can someone recommend a good, cheap single band radio for 14 mhz that has very low power output. Thanks. Rick VE9HF.

-----  
Date: Tue, 28 Dec 1999 15:49:44 -0500  
From: "John J. McDonough" <wb8rcr@arrl.net>  
To: <richard.a.williams@attcanada.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [58941] Re: WHAT QRP RIG?  
Message-ID: <007c01bf5175\$1b12bea0\$010044c0@cb29328-e.baycty1.mi.home.com>  
MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Fireball 40 from the NJQRP Club - \$10, 40mw. Quick, Simple, tough to beat.  
(<http://www.njqrp.org/fireball40/index.html>)

If you're a little more of a home brewer, you can just about do the same thing with one of those Epson oscillators for \$3.30 from DigiKey, a few TTL gates, and a pi network to round off the square edges. Wanna do QRO, maybe a few hundred mw, add a 2N2222.

72/73 de WB8RCR <http://www.qsl.net/wb8rcr/>  
didileydadidah QRP-L #1446 Code Warriors #35

-----Original Message-----

From: Richard Williams <[richard.a.williams@attcanada.net](mailto:richard.a.williams@attcanada.net)>  
To: Low Power Amateur Radio Discussion <[qrp-l@Lehigh.EDU](mailto:qrp-l@Lehigh.EDU)>  
Date: Tuesday, December 28, 1999 3:35 PM  
Subject: WHAT QRP RIG?

>With my two HW-8's and my Kenwood 570 I now feel hobbled. In the past couple  
>of days I've worked guys who are  
>running 50mw on 20 meters. I'd like to give this a try. Can someone  
>recommend a good, cheap single band radio  
>for 14 mhz that has very low power output. Thanks. Rick VE9HF.  
>

-----  
Date: Tue, 28 Dec 1999 16:02:56 -0500 (EST)  
From: Bob Patten <[n4bp@bc.seflin.org](mailto:n4bp@bc.seflin.org)>  
To: Richard Williams <[richard.a.williams@attcanada.net](mailto:richard.a.williams@attcanada.net)>  
Cc: Low Power Amateur Radio Discussion <[qrp-l@Lehigh.EDU](mailto:qrp-l@Lehigh.EDU)>  
Subject: [58942] Re: WHAT QRP RIG?  
Message-ID: <[Pine.3.89.9912281549.B659-0100000@bc.seflin.org](mailto:Pine.3.89.9912281549.B659-0100000@bc.seflin.org)>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 28 Dec 1999, Richard Williams wrote:

>  
> With my two HW-8's and my Kenwood 570 I now feel hobbled. In the past couple  
> of days I've worked guys who are  
> running 50mw on 20 meters. I'd like to give this a try. Can someone  
> recommend a good, cheap single band radio

> for 14 mhz that has very low power output. Thanks. Rick VE9HF.

>

If you like the equipment you have and would like to save some \$\$\$, build a 10db or 20db T-pad and join the QRPp crowd. Three resistors, a mini-box, and two SO-239 connectors is certainly a lot cheaper than another radio... I have three that I occasionally use - 6db, 10db, and 20db. For that mw Holiday Sprint (could only do one hour of the first day), I used the K2 at 1W into my 10db T-pad for 100mw into the antenna.

73,

Bob Patten, N4BP

( 0 0 )

Plantation, FL

-----o00o-( )-o00-----

E-Mail: [n4bp@bc.seflin.org](mailto:n4bp@bc.seflin.org)

Web Page: <http://wg104a.wh.uni-stuttgart.de/~n4bp>

Brass Pounder BBS: (954) 472-7715

-----  
Date: Tue, 28 Dec 1999 16:19:20 -0500

From: Sam Billingsley <[SBillingsley@usaninc.com](mailto:SBillingsley@usaninc.com)>

To: "Qrpl\_Submit (E-mail)" <[qrp-1@Lehigh.EDU](mailto:qrp-1@Lehigh.EDU)>

Subject: [58943] Question about Original Norcal Sierra PC board format

Message-ID: <66FCE0D1DF76D311913800805F6D0FA34205F8@MAILSERVER1>

MIME-Version: 1.0

Content-Type: text/plain

Question for anyone that has or built an original Norcal Club Sierra kit.

I 'm talking about the one sold by the Norcal Club not Wilderness.

Was the original Sierra built with single sided pc board for both the main and plug-in modules?

Did instabilities drive the later versions to two etch sided boards? Or just more stuff being put on the board?

Was the ARRL Handbook (1997) version of the Sierra version "B", (ie two etched sided boards) sold by the Norcal Club or was this an intermediate step to Wilderness that was never actually sold by anyone?

Interested in the evolution of the Sierra.

Sam Billingsley AE4GX Atlanta, GA

personal web page at <http://ae4gx.home.mindspring.com/>

North Georgia QRP Club web page at <http://www.qsl.net/nogaqrp/>

-----  
Date: Tue, 28 Dec 1999 16:51:47 -0500  
From: "Ed Tanton" <n4xy@att.net>  
To: "CW Reflector" <cw@qth.net>  
Cc: "W5SUM Ronnie Hull" <w5sum@ms1.nwla.com>, "W4QO Jim Stafford"  
<w4qo@america.net>, "W4OCW Ken" <w4ocwken@aol.com>,  
"W4OA Mitch (Vibroplex)" <w4oa@vibroplex.com>, "Randy Tudor"  
<rtudor@att.net>, "QRP-L Reflector" <qrp-l@Lehigh.EDU>, "North GA QRP"  
<nogaqrp@qth.net>,  
Subject: [58944] New Stuff at the website-incl. 50+ yr old QRP tx  
Message-ID: <NBBBJDEEIFDDANGEGLBEEIKIFAA.n4xy@att.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I would like to invite anyone who has not visited my website lately to take a look. New photos include my 1919 Vibroplex Japanned-base Blue Racer; BMW M3; test equipment; my 2 McElroy bugs; several straight keys; Lumpy, my California Banded Kingsnake; my freshly assembled-as-a-unit receiving rack; and my current operating position with Hallicrafters HT-18 QRP rig & 51S-1 receiver with B&W 380-B T/R SW. None of the stuff is new to me, but the photos are newly done at the website!

Navigation for the bugs is: keys > key collection > bugs etc. I don't have most of my Vibroplex bugs photographed yet. The 1919 Blue Racer is down the 'KEYS' page under "Something Old".

72 / 73 Ed N4XY email: <n4xy@arrl.net>

webpage: <http://www.qsl.net/n4xy/>

-----  
Date: Tue, 28 Dec 1999 15:57:00 -0600  
From: "Junius Fox" <w5hir@ghg.net>  
To: <qrp-l@lehigh.edu>  
Subject: [58945] New Page  
Message-ID: <000501bf517e\$78d4bbbc0\$11af90d0@gamma>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Troops,

I had a page up and running, BUT, most of the comments were..."It took forever to load." Well, no more. The page has been improved ( I think ) and there is something for everyone there, so give it a try.

w5hir@ghg.net

<http://www.qsl.net/w5hir>

-----  
Date: Tue, 28 Dec 1999 17:01:59 -0500  
From: Sam Billingsley <SBillingsley@usaninc.com>  
To: "Qrp1\_Submit (E-mail)" <qrp-1@Lehigh.EDU>  
Subject: [58946] RE: QRP and Vertical Antennas  
Message-ID: <66FCE0D1DF76D311913800805F6D0FA3420652@MAILSERVER1>  
MIME-Version: 1.0  
Content-Type: text/plain

I've been using a Butternut multi-band vertical HV-6 for about 16 years.

It's been raised in two locations and with elevated radials (4-6). Entire antenna about 15 ft above ground.

No external tuner is required after setting the coil taps and segment lengths.

It does a great job on all bands from 80 to 10.

Very efficient for all my QRP activities.

Sam AE4GX Atlanta GA

Subject: QRP and Vertical Antennas  
KD6AXT@cs.com  
Date: Sat Dec 25 1999 - 00:41:35 EST

I'm a new QRP'er and I'd be interested in impressions of others on the list using vertical antennas. Is there a multiband vertical that seems to work better at low power levels? Any clear favorites among the various commercial

multiband vertical antennas ? Thanks Dan

-----

Date: Tue, 28 Dec 1999 17:27:30 -0600  
From: "Nick Kennedy" <nkennedy@tcainternet.com>  
To: <hudog@sparc.isl.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [58947] Re: Question on AADE L/C meter  
Message-ID: <005501bf518b\$1cf6bee0\$332ab4d0@tcac.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I just finished mine. I was a very good boy and got both an AADE L/C IIB meter and a red hot 20 for Christmas.

To answer your question--I bought the AADE because it works way down in the little bitty ranges where other meters are deficient. For rf work, the range the meter covers is ideal. And being able to come all the way up to 1 uF or 100 mH is a bonus. For something like a great big boatanchor style power supply choke, I'll use something like a series resistor and measurement of the drop at 60 Hertz, then calculate those henries.

And the accuracy of the AADE meter--wow! It was one of those things I just had to have cause it's \*so\* cool!

The kit is one that you can \*really\* complete in just a few hours. One minor complaint--some of the holes were too small for the component leads so I had to drill 'em out. Wouldn't have been so bad except my smallest wire size drill bits weren't small enough.

But I'm sure glad I've got it. Now I can check C and L component values as easily as I previously did resistors.

72,

Nick, WA5BDU

----- Original Message -----

From: "George Huston" <hudog@sparc.isl.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Tuesday, December 28, 1999 10:34 AM  
Subject: Question on AADE L/C meter

>

> I'm close to placing an order for the AADE L/C meter,  
> based on the very  
> favorable comments of those who have purchased and used  
> one. I do have a  
> question regarding the range of the meter.  
>  
> Inductance is .001 uh to 100 mh, and Capacitance is .01 pf  
> to 1 uf. In  
> looking at some other L/C meter stats, they usually have  
> ranges on the  
> order of 1 uh to 200 h and .1 pf to 200 uf.  
>  
> My question then- what are the more useful ranges, and for  
> what sort of  
> applications? I assume the AADE meter range covers more of  
> the commonly  
> used component values for homebuilding on the low end of  
> the range, but  
> is the high end sufficient for most cases? I'm assuming  
> for large values  
> of inductance or capacitance, a GDO would be sufficient to  
> check the  
> value of components of large values?  
>  
> Thanks for any help and opinions you can provide. I'm  
> learning quite a  
> bit from reading the various posts to QRP-L.  
>  
> George N0GH  
>  
>

-----  
Date: Tue, 28 Dec 1999 18:44:57 EST  
From: TheoWAn9sel@aol.com  
To: Ronald\_A\_Pfeiffer@res.raytheon.com  
Cc: qrp-l@lehigh.edu  
Subject: [58948] vertical ant, permanent  
Message-ID: <0.3de1b11e.259aa579@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Ron,  
I put up a 20 meter ant using 1 1/4 galvanized pipe for the base. It has



to be long enough to get below the frost line.( Mine is about 5 feet long and it hasn't come out of the ground yet in northern ILL) Flatten (SP) the end that goes into the

ground to act like a wedge. The other end should have threads on it. Screw a pipe

coupling on with a 1 foot piece extension THEN beat it in to the ground. I used a 8 LB hand sledge. Make sure that it is plumb. When it is just out of the ground 1or 2 inches, remove the 1 foot battered extension and coupler.

Go to Home Depot, Ace Hardware, etc., and buy 2 Plastic flanges, 4 bolts, 8 flat washers and 4 lock nuts. I used aleimainian conduit (free from an electrician) but you could use copper pipe with a 1 1/4 pipe threads to 1 1/4 adapter soldered on. I used coax

and 2 worm type hose clamps on the pipes separated by the 2 flanges screwed to the pipes then bolted together flange to flange.

When I first put this up with 12 or 14 radials of 10 gauge (again free) IT WAS FLAT ACROSS 14.mhz to 14,350 MHz Like 1.1 to 1 swr.

Since then because I did not know about direct burial coax it has changed the swr. Next spring or summer I plan on changing the coax. I think I got my money out of the coax as it's been 5 years +.

Oh next to the pipe in the ground 3 or 4 inches away I beat in a 8 foot ground

rod and connected all grounds, radials and pipe together.

Seal all open connections etc.

I have pictures, any? Email me.

I hope this makes sense. I have to learn to type. 2 fingers just isn't going to do!

Sorry so long

Happy New Year to all

Ted de N9SEL

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End of QRP-L Digest 1683

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